

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

4

Complete if Known

Application Number	TBA
Filing Date	September 26, 2003
First Named Inventor	Albrecht Groner et al
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	1280.106/002441.00067

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
M		US-4,064,232	12-20-1977	Bachmayer et al	
		US- 6,455,298	09-24-2002	Groner et al	
		US- 5,753,489	05-19-1998	Kistner et al	
		US- 4,500,513	02-19-1985	Brown et al	
		US- 4,783,411	11-08-1988	Gablits	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
M		WO 97/11093	3-27-1997	Cates et al		
		EP 0 389 925	12-27-1995	Murphy		
		WO 97/37000	10-09-1997	Groner et al		
		EP 00/19218	11/26/1980	Brown et al		
		WO 91/09937	07/11/1991	Mundt et al		
		WO 96/15231	05/23/1996	Barrett et al		
		WO 96/15232	05/23/1996	Kaverin et al		
		WO 97/37001	10/09/1997	Groner		
		GB 1,070,764	06/21/1965	Norden Lab		

Examiner
Signature

Mundt

Date
Considered

8-11-04

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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	TBA
		Filing Date	September 26, 2003
		First Named Inventor	Albrecht Groner
		Group Art Unit	TBA
		Examiner Name	TBA
Sheet 2 of 4	Attorney Docket Number	1280.106/002441.00067	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ms		YAMAOKA et al, Arch Virol (1995) 140: 937-944	
		FIELDS et al, Eds., Fields Virology, Second Edition, Raven Press, New York, New York (1990) 1:1092-1093	
		BROWN et al, Eds., Inactivated Influenza Vaccines Prepared in Cell Culture, Developments in Biological Standardization, S. Karger AG, Basel, Switzerland (1999) 98:13-21	
		JENNINGS et al, Vaccine, (1984) 2:75-80	
		GOVORKOVA et al, JID (1995) 172:250-3	
		Bulletin of the World Health Organization (1995) 73:431-435	
		ROBERTSON et al, Vaccine (1995) 13:1583-1588	
		Derwent Biotechnology Abstracts Accession No. 84-08431, HEESE (1984) Patent No. DE 3237313 (English Language Abstract) (full German text patent attached)	
		GOVORKOVA et al, J. Virol (1996) 70(8):5519-5524	
		BACHMAYER, Intervirology, (1975) 5:260-272	
		PALACHE et al, JID (1997) 176 (Suppl. 1): S20-23	
✓		BRANDS et al, Proceedings of the third International Conference on Options for the Control of Influenza, Options for the Control of Influenza III, Brown et al, Editors, Elsevier Science B.V., Amsterdam (1996), 683-693	

Examiner Signature	<i>ms</i>	Date Considered	8-11-04
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		Filing Date	September 26, 2003
		First Named Inventor	Albrecht Groner
		Group Art Unit	TBA
		Examiner Name	TBA
		Attorney Docket Number	1280.106/002441.00067
Sheet	3	of	4

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
M		BRUMBACK, B. G. et al, "Rapid culture for influenza virus, types A and B, in 96-well plates", Clinical and Diagnostic Virology, 1995, 4:251-258	
		FRANK, A.L. et al, "Comparison of different tissue cultures for isolation and quantitation of influenza and parainfluenza viruses", Jrl of Clinical Microbiology, 1979, 10(1):32-36	
		MANCINI, "Evaluation of the 'in vitro' multiplication of influenza virus and the enzymatic influence on viral growth", Revista de Farmacia e Bioquímica da Universidade de Sao Paulo, 1993, 29(2): 89-95, English Abstract provided	
		ORLICK M., et al, Structural variation occurring in the hemagglutinin of influenza virus A/Turkey/Oregon/71 during adaptation to different cell types", Virology, 1990, 176:531-538	
		PRIDGEN, C.L., "Influenza virus RNAs in the cytoplasm of chicken embryo cells treated with 3'deoxyadenosine", Jrl. of Virology, 1976, 18(1):356-360	
		LELAND, D.S. et al, E.H. Lennette, ed., Laboratory Diagnosis of Viral Infections, 2 nd Edition, 1992, pp. 19-20 and 526-527	
		TANNOCK et al, Evaluation of chicken kidney and chicken embryo kidney cultures for the large-scale growth of attenuated influenza virus master strain", Vaccine, 1985, 3(3):333-9, Database Dialog #05606807	
		KILBOURNE, E.D., Influenza, 1987, Plenum Medical Book, 89-110	
		KLENK et al, Activation of Influenza A Viruses by Trypsin Treatment", Virology, 1975, 68, 426-439	
		LAZAROWITZ et al, "Enhancement of the Infectivity of Influenza A and B Viruses by Proteolytic Cleavage of the Hemmagglutinin Polypeptide", Virology, 1975, 68:440-454	
		MERTEN et al, "Production of Influenza Virus in Cell Cultures for Vaccine Preparation", Advances in Experimental Medicine and Biology, 1996, 297:141-151	
		TOBITA et al, "Plaque Assay and Primary Isolation of Influenza A Viruses in an Established Line of Canine Kidney Cells (MDCK) in the Presence of Trypsin", Med. Microbiol. Immunol., 1975, 162:9-14	
		PERRIN et al, An Experimental Rabies Vaccine Produced with a New BHK-21 Suspension Cell Culture Process: Use of Serum Free Medium and Perfusion - Reactor System", Vaccine 1995 13(13):1244-1250	

Examiner Signature	<i>[Signature]</i>	Date Considered	8-11-04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	TBA
		Filing Date	September 26, 2002
		First Named Inventor	Albrecht Groner
		Group Art Unit	TBA
		Examiner Name	TBA
		Attorney Docket Number	1280.106/002441.00067
Sheet	4	of	4

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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mm ↓		HOUGLAND et al, Growth 42(2) 1790188, 1978 (Abstract Only)	
		RODRIGUEZ-BOULAN et al, Journal of Cell Biology, 96:868-874, 1983	
		ALONSO-CAPLEN et al, Journal of Cell Biology, 97:859-868, 1983	
		Mancini et al, Revista de Farmacia e Bioquímica da Universidade de Sao Paulo, 1993, 29(2), 89-95	
		Skibbens et al, J. Cell Biol. (1989) 108:821-832	

Examiner Signature	<i>mm</i>	Date Considered	8-11-04
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/670,788
Sheet 1 of 1		Filing Date	September 26, 2003
		First Named Inventor	Albrecht Groner et al
		Group Art Unit	1648
		Examiner Name	Mary Mosher
		Attorney Docket Number	1280.106/002441.00067

U.S. PATENT DOCUMENTS					
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		Number - Kind Code ² (if known)			
MM		US- RE 33,164	02-13-1990	BROWN ET AL.	
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MM ↓		NAKAMURA et al., "Method of Suspension Culture for MDCK Cells and Isolation of Influenza Virus in MDCK Suspension Cultured Cells", The Journal of the Japanese Association for Infectious Diseases, Vol. 54, No. 6, pp 308-312 (1980) (translated copy, pp 1-19)	
		DICTIONARY OF BIOCHEMISTRY, 1 st Edition, p. 975 (1984) (translated copy, 1 page)	
		CHEMISTRY and BIOLOGY, Vol. 29, No. 7, pp. 444-445 (1991) (translated copy, pp 1-6)	

Examiner Signature	Mosher	Date Considered	8-11-04
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